| Ref<br># | Hits | Search Query                                      | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| S1       | 5    | (4012587 4602289 5418387 623643<br>4 6265736).pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND .               | ON      | 2006/03/22 08:09 |
| S2       | 947  | "385"/2.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2006/03/21 16:20 |
| S3       | 380  | 348/302.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2005/09/29 09:33 |
| S4       | 609  | 348/294.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2005/09/29 09:34 |
| S6       | 406  | 257/225.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2005/09/29 09:50 |
| S7       | 1    | "6507054".pn.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2005/09/29 09:50 |
| 59       | 1442 | 257/432.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2005/09/29 09:51 |
| S10      | 1007 | 257/435.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2005/09/29 09:51 |
| S11      | 960  | "385"/2.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND                 | ON      | 2006/01/04 14:49 |

| S12 | 867  | S11 and (@ad<"20021101" or @rlad<"20021101")    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 13:02 |
|-----|------|---|---|-----|----|------------------|
| S13 | 128  | S12 and imag\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 14:50 |
| S14 | 2083 | 257/59.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 14:50 |
| S15 | 1756 | S14 and (@ad<"20021101" or<br>@rlad<"20021101") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 10:13 |
| S16 | 1141 | S15 and imag\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 15:19 |
| S17 | 47   | S16 and read and reset                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 10:56 |
| S18 | 921  | S16 and pixel                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 15:06 |
| S19 | 884  | S18 not S17                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 15:18 |
| S20 | 52   | S19 and deep\$2                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 15:19 |
| S21 | 832  | S19 not S20                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 15:18 |

| S22 | 2071 | 257/72.ccls.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 16:25 |
|-----|------|---|---|-----|----|------------------|
| S23 | 1630 | S22 and (@ad<"20021101" or<br>@rlad<"20021101") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 16:25 |
| S24 | 1075 | S23 and imag\$3                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 16:24 |
| S25 | 89   | S24 and deep\$2                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 15:19 |
| S26 | 530  | 257/222.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 16:25 |
| S27 | 445  | S26 and (@ad<"20021101" or<br>@rlad<"20021101") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 16:26 |
| S28 | 165  | S27 and pixel                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/01/04 16:26 |
| S31 | 975  | 385/2.ccls.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/21 16:21 |
| S32 | 2    | (9630575 9821936 6507054).pn.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 08:10 |
| S33 | 1    | ("5508740").PN. OR ("6507054").<br>URPN.        | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/22 08:10 |

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|-----|------|--|---|-----|----|------------------|
| S34 | 388  | 257/215.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 10:55 |
| S35 | 279  | 257/294.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 10:48 |
| S36 | 1704 | "active pixel" and read and reset                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 10:58 |
| S37 | 1376 | S36 and (@ad<"20021101" or<br>@rlad<"20021101")                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 11:09 |
| S38 | 1082 | "active pixel" and (read same reset)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 12:43 |
| S39 | 857  | S38 and (@ad<"20021101" or<br>@rlad<"20021101")                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 10:58 |
| S40 | 255  | S39 and ("257"/\$.ccls. or "438"/\$.<br>ccls. or "385"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 12:43 |
| S41 | 400  | 257/187.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 12:43 |
| S42 | 980  | 257/443.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/22 12:43 |
| S43 | 20   | "active pixel" and (read same reset) and (S42 or S41)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 13:02 |

|     |      | LAST Scare  |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S44 | 25   | ("4984047"   "5051797"   "5721415"<br>  "5841159"   "5880495"  <br>"5977576"   "6023081").PN. OR<br>("6084259").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/22 12:55 |
| S45 | 12   | ("4107722"   "5430321"   "5461425"<br>  "5982011"   "6051857"  <br>"6071826"   "6084259"  <br>"6147372").PN. OR ("6287886").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/22 14:11 |
| S46 | 1    | ("5508740").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/22 15:00 |
| S47 | 400  | 257/187.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 10:13 |
| S48 | 373  | S47 and (@ad<"20021101" or<br>@rlad<"20021101")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 10:20 |
| S49 | 4    | S48 and "Active pixel"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 10:16 |
| S50 | 3    | S48 and (read near5 reset)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 10:19 |
| S51 | 6    | ("4521804"   "5477070"   "5675158"<br>  "5753958"   "6121666").PN. OR<br>("6690423").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/23 10:57 |
| S52 | 1706 | "active pixel" and read and reset   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 11:10 |
| S53 | 1376 | S52 and (@ad<"20021101" or<br>@rlad<"20021101")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 11:10 |
| S54 | 50   | S53 and (reset same (read or select) same gate same pixel same adjacent)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 11:10 |

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|-----|-------------|--|---|-----|----|------------------|
| S55 | 11          | ("20020011551"   "5402459"  <br>"5841126"   "5898168"   "5965871"<br>  "6215113"   "6317154"  <br>"6320616"   "6429413").PN. OR<br>("6720592").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/23 11:23 |
| S56 | . 30        | (US-20040036071-\$ or US-20030052349-\$ or US-20010032979-\$ or US-20030042510-\$ or US-20020153540-\$ or US-20020036292-\$ or US-20030020100-\$ or US-20010011736-\$ or US-20020140003-\$ or US-20020197210-\$ or US-20020090748-\$ or US-20020022309-\$ or US-20020066849-\$).did. or (US-6507054-\$ or US-6881992-\$ or US-6545303-\$ or US-5710606-\$ or US-6677613-\$ or US-6639293-\$ or US-6680498-\$ or US-6690423-\$ or US-6118142-\$ or US-6580106-\$ or US-6225670-\$ or US-6580106-\$ or US-6225670-\$ or US-6147372-\$ or US-6521925-\$ or US-6147372-\$ or US-6521925-\$ or US-6287886-\$ or US-6657665-\$).did. | US-PGPUB;<br>USPAT                                    | OR  | ON | 2006/03/23 13:00 |
| S57 | 5           | S56 and pitch  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 13:01 |
| S58 | 245         | "active pixel" and (read same reset) and pitch   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 13:02 |
| S59 | 205         | S58 and (@ad<"20021101" or<br>@rlad<"20021101")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 13:09 |
| S60 | 33          | S59 and ("257"/\$.ccls. or "438"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 15:37 |
| S61 | 4           | ("5241575"   "5861621"   "6163023"<br>  "6587146").PN. OR ("6927433").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/23 13:18 |

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|-----|-----|---|---|-----|----|------------------|
| S62 | 5   | ("5471515"   "5539461"  <br>  "5625210").PN. OR ("6466266").<br>  URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/23 13:31 |
| S64 | 0   | "09299874"  | USPAT   | OR  | ON | 2006/03/23 14:45 |
| S65 | 1   | "09/299,874"  | USPAT   | OR  | ON | 2006/03/23 14:45 |
| S66 |     | (US-20040036071-\$ or US-20030052349-\$ or US-20010032979-\$ or US-20030042510-\$ or US-20020153540-\$ or US-20020036292-\$ or US-20030020100-\$ or US-20020140003-\$ or US-20020140003-\$ or US-20020140003-\$ or US-20020090748-\$ or US-20020022309-\$ or US-20020022309-\$ or US-20020066849-\$ or US-20050248675-\$).did. or (US-6507054-\$ or US-6881992-\$ or US-6545303-\$ or US-6639293-\$ or US-6677613-\$ or US-6639293-\$ or US-6680498-\$ or US-6690423-\$ or US-6118142-\$ or US-6580106-\$ or US-6225670-\$ or US-6580106-\$ or US-6225670-\$ or US-6147372-\$ or US-6521925-\$ or US-6287886-\$ or US-657665-\$ or US-6927433-\$ or US-6466266-\$ or US-6798451-\$ or US-6977684-\$).did. | US-PGPUB;<br>USPAT                                    | OR  | ON | 2006/03/23 15:20 |
| S67 | 2   | S66 and ("Guard ring" or "field plate")   | US-PGPUB;<br>USPAT                                    | OR  | ON | 2006/03/23 15:20 |
| S68 | 7   | ("20020093034"   "20020163042"  <br>"5546438"   "5942774"   "6023081"<br>  "6040592"   "6133862").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR  | ON | 2006/03/23 15:31 |
| S69 | 245 | "active pixel" and (read same reset) and pitch  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 15:37 |
| S70 | 205 | S69 and (@ad<"20021101" or<br>@rlad<"20021101")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 15:37 |
| S71 | 33  | S70 and ("257"/\$.ccls. or "438"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | AND | ON | 2006/03/23 15:37 |

| S72 | 6 | S71 and ("guard ring" or "field plate") | US-PGPUB;<br>USPAT;            | AND | ON | 2006/03/23 15:38 |
|-----|---|---|--------------------------------|-----|----|------------------|
|     |   |   | USOCR;<br>EPO; JPO;<br>IBM_TDB |     |    |                  |

3/24/2006 9:01:20 AM C:\Documents and Settings\jingham\My Documents\EAST\Workspaces\696018.wsp